Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. - 5. (canceled)

6. (currently amended) A method for ~~inhibition of the proliferation (DNA synthesis) of human sebaceous cells~~ therapy of acne and/or acneiform follicular reaction in an individual in need of ~~treatment for benign follicular hyperproliferation conditions and/or malign follicular hyperproliferation conditions~~ the therapy comprising administering to the individual a composition comprising inhibitors of dipeptidylpeptidase IV (DP IV) as well as of inhibitors of enzymes having a similar substrate specificity (DP IV-analogous enzyme activity) and/or of inhibitors of alanyl aminopeptidase (aminopeptidase N, APN) as well as of inhibitors of enzymes having a similar substrate specificity (APN-analogous enzyme activity) for the inhibition of the proliferation (DNA synthesis) of human sebaceous cells.

7. (Previously presented) The method according to claim 6, wherein the inhibitors of the DP IV are selected from Xaa-Pro-dipeptides (Xaa - α-amino acid or side-chain protected derivative), corresponding derivatives, preferably dipeptide phosphonic acid diaryl esters and their salts, dipeptide boronic acids (e.g. Pro-boro-Pro) and their salts, Xaa-Xaa-(Trp)-Pro-(Xaa)n peptides (Xaa = α-amino acid, n = 0 to 10), corresponding derivatives and their salts, amino acid (Xaa) amides, corresponding derivatives and their salts, wherein Xaa is an α-amino acid or a side chain-protected derivative, preferably N^{ε}-4-nitrobenzyloxy carbonyl-L-lysine, L-isoleucine, L-valine, L-tryptophan, L-proline, and cyclic amines, for example pyrrolidine, piperidine, thiazolidine and their derivatives act as the amide structure, tryptophane-1,2,3,4-tetrahydroisochinoline-3-carboxylic acid derivatives (TSL) and/or (2S,2S',2S")-2-[2'-[2"-amino-3"-(indol-3'"-yl)-1"-oxoprolyl]-1',2'3,'4'-tetrahydro-6'8'-dihydroxy-7-methoxyisochinol-3-yl-carbonyl-amino]-4-hydromethyl-5-hydropentanoic acid (TMC-2A).

8. (Original) The method according to claim 6, wherein amino acid amides are used as DP IV inhibitors, preferably N^{ε}-4-nitrobenzyl-oxycarbonyl-L-lysine thiazolidide, pyrrolidide and

piperidide as well as the corresponding 2-cyano thiazolidide, 2-cyano pyrrolidide and 2-cyano piperidide derivative.

9. (Withdrawn) The method according to claim 6, wherein actinonin, leuhistin, phebestin, amastatin, bestatin, probestin, β-aminothiols, α-aminophosphinic acids, α-amino phosphinic acid derivatives, preferably D-Phe-ψ[PO(OH)-CH_2]-Phe-Phe, and their salts act as inhibitors of APN.

10. (canceled).

11. (currently amended) The method of claim 6 further comprising a ~~A process for the inhibition of the proliferation (DNS synthesis) of human sebaceous cells (sebocytes) including the singular or the~~ a repeated administration of ~~a pharmaceutical preparation to a patient with the corresponding disease pattern, comprising the administration to the patient of inhibitors of dipeptidylpeptidase IV (DP IV) as well as of inhibitors of enzymes having a similar substrate specificity (DP IV-analogous enzyme activity) and/or of inhibitors of alanyl aminopeptidase (aminopeptidase N, APN) as well as of inhibitors of enzymes having a similar substrate specificity (APN-analogous enzyme activity)~~ the composition.

12. - 13. (canceled)

14. (Withdrawn) Process according to claim 11, wherein actinonin, leuhistin, phebestin, amastatin, bestatin, probestin, β-aminothiols, α-aminophosphinic acids, α-amino phosphinic acid derivatives, preferably D-Phe-ψ[PO(OH)-CH_2]-Phe-Phe, and their salts act as inhibitors of APN.

15.- 42. (canceled)